





# features of your new air conditioner

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- **Cool Summer Offer**

On those hot sweltering summer days and long restless nights, there is no better escape from the heat than the cool comforts of home. Your new air conditioner brings an end to exhausting hot summer days and lets you rest. This summer, beat the heat with your own air conditioner.

- **Easy Maintenance**

Cleaning and maintenance are no longer a chore. Simply remove the air filter inside the air conditioner, rinse, and dry for clean fresh air. Breathe a sigh of relief at knowing how easy it is to keep the air clean.

- **A Look for Everywhere**

The elegant and harmonious design gives priority to the esthetics of your space and complements any of your existing interior decor. With its soft-white color and rounded-edge shape, the new air conditioner adds class to any room. Enjoy what your air conditioner offers both functionally and esthetically.



For easy future reference write the model and serial number down. You will find your model number on the bottom side of the air conditioner.

Model # \_\_\_\_\_

Serial # \_\_\_\_\_



# safety information












To prevent electric shock, disconnect the power before servicing, cleaning, and installing the unit.

## SAFETY INFORMATION

Before using your new air conditioner, please read this manual thoroughly to ensure that you know how to safely and efficiently operate the extensive features and functions of your new appliance.

Because the following operating instructions cover various models, the characteristics of your air conditioner may differ slightly from those described in this manual. If you have questions, call your nearest contact center or find help and information online at [www.samsung.com](http://www.samsung.com).

### What the icons and signs in this user manual mean:

 <b>WARNING</b>	Risk of death or serious personal injury.
 <b>CAUTION</b>	Potential risk of personal injury or material damage.
 <b>CAUTION</b>	To reduce the risk of fire, explosion, electric shock, or personal injury when using your air conditioner, follow these basic safety instructions:
	Do NOT attempt.
	Do NOT disassemble.
	Do NOT touch.
	Follow directions carefully.
	Unplug the power plug from the wall socket.
	Make sure the machine is grounded to prevent electric shock.
	Call the contact center for help.
	Recommended instructions or useful information for use.

**These warning signs are here to prevent injury to you and others.**

**Please follow them carefully.**

**After reading this section, keep it in a safe place for future reference.**



# safety information



## SEVERE WARNING SIGNS



**Do not place the air conditioner near hazardous substances or equipment that releases free flames to avoid fire, explosions or injuries.**

- Potential risk of fire hazard or explosion.

**Do not install the outdoor unit at an unstable place or elevated surface where there is potential risk of falling.**

- If the outdoor unit falls, it may cause personal injury or loss of property.

**Failure or damage may occur if any changes or modification that is not stated in the installation manual was performed. In this case, user will be responsible for the repair expenses.**

**Install the air conditioner away from direct exposure to sunlight, heating apparatus, and humid places.**

- Hang curtains on windows to boost cooling efficiency and to avoid the risk of electric shock.

**Do not cut the power plug and connect to a different power cable.**

**Do not yank the power cable and touch the power plug with hands.**

- Potential risk of fire or electric shock.

**Never use a damaged or dusted power plug, power cable, or loosened power receptacle.**

- Potential risk of fire or electric shock.

**Install an exclusive circuit breaker and short-circuit breaker for the air conditioner.**

- Potential risk of electric shock or fire.

**Do not insert anything such as fingers or branches into the air conditioner vents while the air conditioner is running.**

- Keep the children away from the air conditioner to prevent them from putting their finger on the air conditioner. Potential risk of personal injury.

**Ensure no water gets into the air conditioner.**

- Potential risk of electric shock.
- If the water gets into the air conditioner, stop and unplug the power source immediately.

**Turn off the air conditioner using the provided remote control or control accessory (if provided). Do not unplug to turn off the unit (unless there is an immediate danger).**


**Do not run the air conditioner for an extended period of time in a room with the door closed or with babies, elderly or disabled people.**

- Open the door or windows to ventilate your room at least once an hour to prevent oxygen shortage.

**The air conditioner is composed of moving parts. Keep children away from the unit to avoid physical injury.**







-  **Make sure that children take precautions against access to the air conditioner and they do not play with the unit.**

**Do not clean the interior of air conditioner on your own.**

- You may damage the parts which can cause electric shock or fire.
- Consult contact center for cleaning the interior of the air conditioner.

-  **Do not connect the air conditioner with heating apparatus or attempt to disassemble, remodel or repair it yourself.**

- Potential risk of malfunction, electric shock or fire. If repairs are needed, consult the contact center.

-  **Consult the place of purchase or contact center to install, reinstall or disassemble the air conditioner.**

- Improper installation carries a risk of unit malfunction, water leakage, electric shock or fire.
- If installing in specialty areas, such as a factory complex or saline coastal area, consult the place of purchase or contact center for specific installation details.
- The units must be installed according to distances declared, in order to permit accessibility from each side, either to guarantee correct operation of maintenance or repairing products. The unit's parts must be reachable and removable completely under safety condition (for people or things).

**Consult a dealer regarding the appropriate measures to prevent the allowable concentration from being exceeded.**

- If the refrigerant leaks, and cause the concentration limit to be exceeded, hazards due to lack of oxygen in the room may result.

**If the indoor unit gets wet, turn the power off immediately and call your nearest contact center.**

- Potential risk of fire or electric shock.

**Always make sure that the power supply is compliant with current safety standards. Always install the air conditioner in compliance with current local safety standards.**

**Verify that the voltage and frequency of the power supply comply with the specifications and that the installed power is sufficient to ensure the operation of any other domestic appliance connected to the same electric lines.**

**Use a rated circuit breaker only.**

- Never use steel wires or copper wires as a circuit breaker. It may cause fire or unit malfunctions.


**Do not put undue stress or place heavy object on the power cable.**

**Do not bend the power cable excessively.**

- Potential risk of fire or electric shock.

**To protect the product from water and possible shock, you should keep the power cable and the connection cord of the indoor and outdoor units in the protection tube.**

**When opening or closing the front panel, use a stable stool and watch your steps carefully.**

-  **Disconnect the air conditioner from power supply before it is repaired or disassembled.**

**Clean the air conditioner after the inner fan stops operating.**

- Potential risk of injury or electric shock.



# safety information



## SEVERE WARNING SIGNS (CONT'D)



**Use a receptacle that has a ground terminal. The receptacle must be used exclusively for the air conditioner.**

- Improper electrical grounding may cause electric shock or fire.

**Be sure to ground the unit. Do not connect the ground wire to gas or water pipes, lighting rods, or telephone grounding lines.**

- If the unit is not properly grounded, electric shock may result.



**If you smell burning plastic, hear strange sounds, or see smoke coming from the unit, unplug the air conditioner immediately and call a contact center.**

- Potential risk of fire or electric shock.



## CAUTION SIGNS



**Do not block or place items in front of the air conditioner. Do not step, hang onto, or place heavy items on the air conditioner.**

- Potential risk of personal injury.

**If failure or damage occurs on the conditions of improper use not followed by the installation manual, there will be an extra labor charge for installing and construction.**

- Potential risk of malfunction, electric shock or fire if repairs or installations are attempted by a non-qualified service technician.

**Do not spray flammable gases such as insecticide near the air conditioner.**

- Potential risk of electric shock, fire or unit malfunction.

**Do not open the front grille during operation.**

- Potential risk of electric shock or unit malfunction.

**Cool air should not flow directly towards people, pets, and plants.**

- It is harmful to your health, pets, and plants.

**Do not drink drain water coming out of the air conditioner.**

- Potential risk of health hazard.

**Do not allow children to climb on the air conditioner.**

**Do not use the air conditioner as a cooling precision instrument for food, pets, plants, cosmetics or machinery.**

**Do not pull or give excessive shock to the air conditioner.**

- Potential risk of fire, or unit malfunction and there are risk of personal injury because unit may fall down.

**Do not spray water directly on the air conditioner or use benzene, thinner or alcohol to clean the surface of the unit.**

- Potential risk of electric shock or fire.
- Potential risk of damage to the air conditioner.

**Do not place any objects, especially containers with liquid.**





**Do not touch the pipe connected to the air conditioner.**



**Install the indoor unit away from lighting apparatus using the ballast.**

- If you use the wireless remote control, reception error may occur due to the ballast of the lighting apparatus.

**Install the outdoor unit where operating noise and vibration will not disturb your neighbor and in a well-ventilated area with no obstacle.**

- Potential risk of malfunction.
- Operating noise may disturb your neighbor.

**Make sure that there are no obstacles or covers that block the air conditioner.**

**Allow sufficient space for air circulation.**

- Insufficient ventilation may result in poor performance.

**If the power cable is damaged, the manufacturer or a qualified service technician must replace it.**

**If a power outage occurs while the air conditioner is working, turn off the power source immediately.**

**Max current is measured according to IEC standard for safety and current is measured according to ISO standard for energy efficiency.**

**Check for damage on delivery. If damaged, do not install the air conditioner and call the place of purchase immediately.**

**Keep indoor temperatures stable and not extremely cold, especially where there are children, elderly or disabled people.**

**The packaging material and used batteries of the remote controller (optional) must be disposed of in accordance with the national standards.**

**The refrigerant used in the air conditioner must be treated as chemical waste. Dispose the refrigerant following national standards.**

**Have a qualified service technician install the air conditioner and perform a trial operation.**

**Firmly connect the drain hose to the air conditioner for proper water drainage.**

**Check for damages on the outdoor unit installation pad at least once a year.**

- Potential risk of personal injury or property loss.

**When using a wireless remote control, the distance should not be more than 7 meters from the air conditioner.**

**If the remote control is not used for a long period of time, remove the batteries to prevent leakage of electrolyte.**

**When cleaning the outdoor unit, touch the heat exchanger radiator fins with extreme care.**

- Wearing thick gloves can protect your hands.

**Make sure that the condensed water dripping from the drain hose runs out properly and safely.**

**The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety: Young children should be supervised to ensure that they do not play with the appliance.**

# safety information



## CAUTION SIGNS (CONT'D)



Inspect the condition, electric connections, pipes and external case of the air conditioner regularly by a qualified service technician.

Do not open doors and windows in the room being cooled during operation unless necessary.

Do not block the air conditioner vents. If objects block the air flow, it may cause unit malfunction or poor performance.

Make sure there are no obstacles under the indoor unit.

- Potential risk of fire or loss of property.

The air conditioner should be used only for the applications for which it has been designed: the indoor unit is not suitable to be installed in areas used for laundry.

Our units must be installed in compliance with the spaces indicated in the installation manual to ensure either accessibility from both sides or ability to perform routine maintenance and repairs. The units' components must be accessible and that can be disassembled in conditions of complete safety either for people or things.

For this reason, where it is not observed as indicated into the Installation Manual, the cost necessary to reach and repair the unit (in safety, as required by current regulations in force) with slings, trucks, scaffolding or any other means of elevation won't be considered in-warranty and charged to end user.



Ensure the off-on and protection switches are properly installed.

Do not use the air conditioner if damaged. If problems occur, immediately stop operation and disconnect the plug from the power supply.

If the air conditioner will not be used for an extended period of time (for example, over several months), unplug the power from the wall.



Call the place of purchase or a contact center if repairs are needed.

- Potential risk of fire or electric shock if disassembly or repairs are attempted by a non-qualified service technician.



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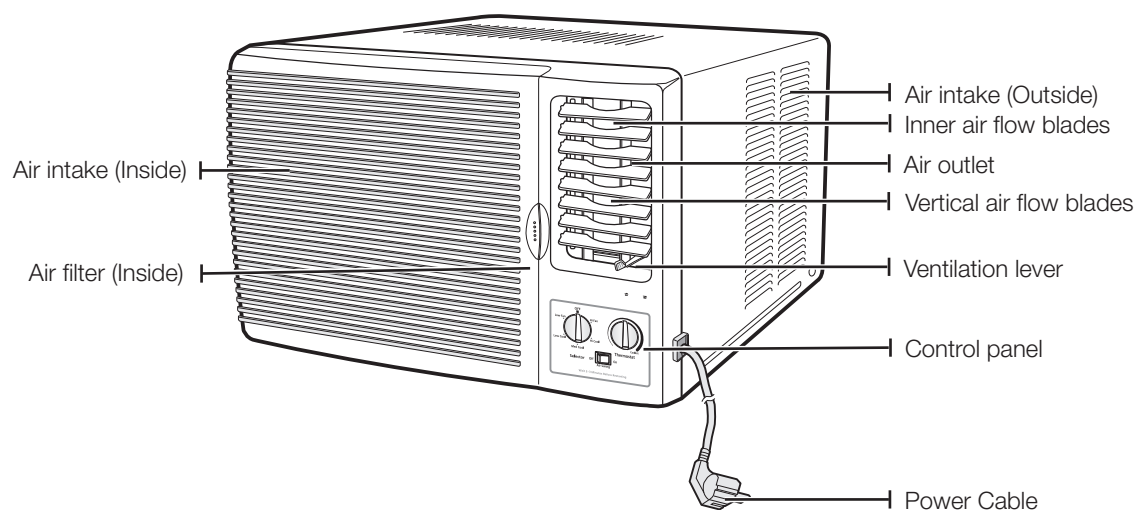
# setting up your air conditioner before use

Congratulations on the purchase of the air conditioner. We hope you enjoy the features of your air conditioner and stay cool with optimal efficiency.


Please read the user manual to get started and to make the best use of the air conditioner.

## CHECKING THE PARTS AND THE CONTROL PANEL

Carefully unpack your air conditioner, and check the unit to make sure it is not damaged.



 Your air conditioner may slightly differ from illustration shown above depending on your model.


 **CAUTION** Do not attempt to install the power cable yourself. Have a certified installer do the power cable work for your personal safety.

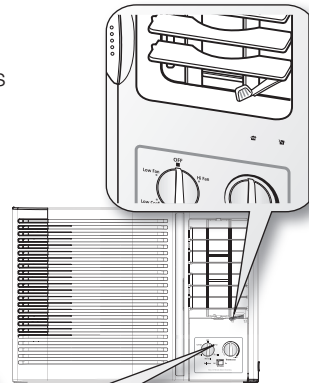


## Ventilation lever

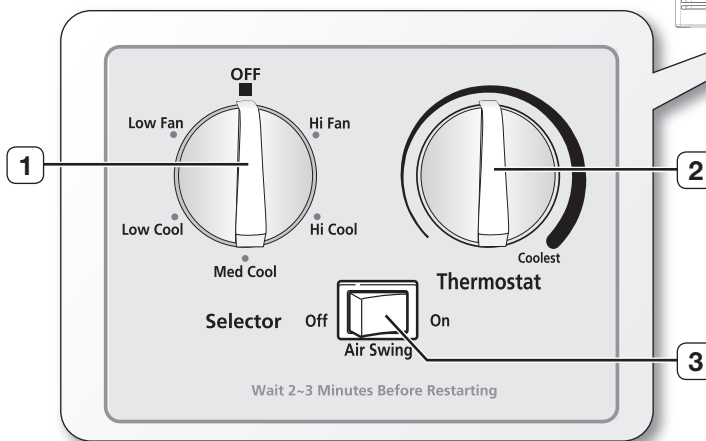
The ventilation lever is designed to help you get fresh air from outdoors. It can also help prevent strong outdoor odors from entering the room through the air conditioner. The lever is located on the lower right side of the air flow blades.

Sliding the ventilation lever to the right lets outdoor air enter the room, and sliding the lever to the left re-circulates existing air within the room.

 Depending on your model, the ventilation lever appearance and location may slightly differ.



## Control Panel



<b>1 OPERATION KNOB</b>	<p>Use the Operation knob to set to the desired fan speed. This is helpful in cooling the room.</p> <p><b>Off</b> - Air conditioner stops current operating mode</p> <p><b>Fan</b> - Air circulation with no cooling</p> <p><b>Hi Cool</b> - Cooling with high fan speed</p> <p><b>Low Cool</b> - Cooling with normal fan speed.</p> <p>Set here if there is potential risk of falling asleep with the unit on.</p>
<b>2 THERMOSTAT KNOB</b>	<p>Use the Thermostat knob to set the desired temperature. In order to cool the room, turn the knob to the "Cool" position.</p> <p><b>Cool</b> - Maintains cool temperatures of between 18°C and 29°C.</p>
<b>3 AIR SWING SWITCH</b>	<p>Press the Air Swing switch to on to circulate the air from side to side by moving the inner air flow blades.</p> <p><b>Off</b> - Keeps air flow direction in the desired position</p> <p><b>On</b> - Provides continuous side to side air circulation</p>

 You should open the door above the control panel before control.





# operating your air conditioner

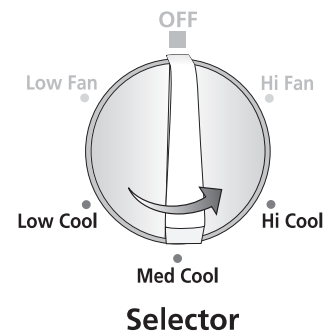
## SELECTING OPERATION MODE

### Cooling

Transform a hot and humid room into a cool haven quickly by closing all unnecessary openings such as fireplace dampers, doors, or windows in the room before running the air conditioner to increase efficiency and save energy.

1. Lightly grasp the **Selector** knob and turn to the right.  
The air conditioner is turned on.
2. Place the knob to the desired mode.

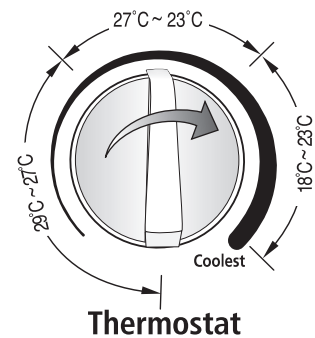
**Hi Cool**- Cools room at high fan speed,  
**Med Cool**- Cools room at med fan speed.  
**Low Cool**- Cools room at low fan speed.  
Air conditioner starts operating in the selected mode.



3. Lightly grasp the **Thermostat** knob and turn it clockwise, to the blue position. The further you turn the knob, the lower the temperature. Possible temperature range is 18°C~29°C.



The air conditioner keeps the temperature constant at the thermostat knob setting. Turn the knob to change the indoor temperature.



- If current outside temperatures are much higher than the selected indoor temperature, it may take time to bring the inner temperature to the desired coolness.
- Air flow can also be adjusted manually. (see page 12 for instructions.)
- Avoid drastically turning down the temperature. Energy is wasted and the room does not cool faster.





# operating your air conditioner

## SELECTING OPERATION MODE

### Air circulation

If the room is stuffy and stale, operate your air conditioner in Fan mode. The air conditioner will reduce humidity without changing the inner temperature. We recommend using this mode during especially humid but cool springdays.

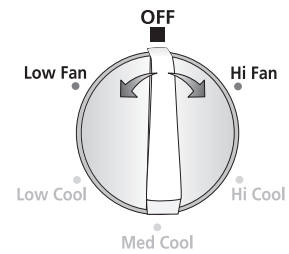
1. Place the knob to the desired mode.

**Hi Fan**- high fan speed,

**Low Fan**- low fan speed.

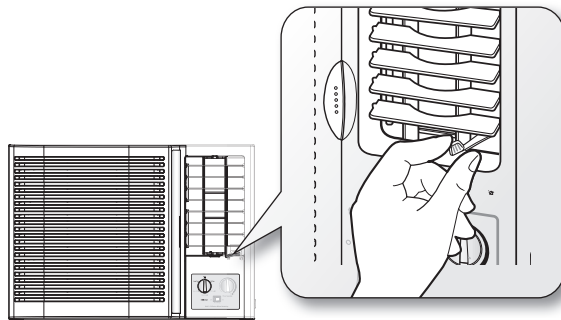
Air conditioner starts operating in the selected mode.

2. The air conditioner removes humid indoor air and emits fresh outdoor air into the room.



**Selector**

3. Slide the ventilation lever, located on the lower right side of the air flow blades, to the right to ventilate the room with fresh outdoor air. (see page 12 for instructions of ventilation lever.)



Air flow can also be adjusted manually. (see page 12 for instructions.)



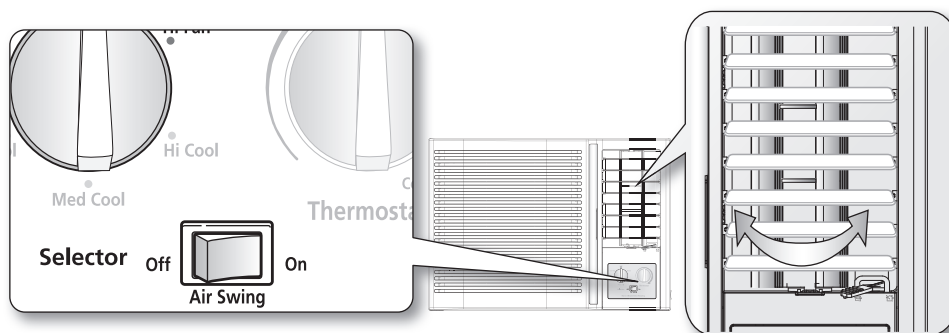


## ADJUSTING THE AIR FLOW DIRECTION

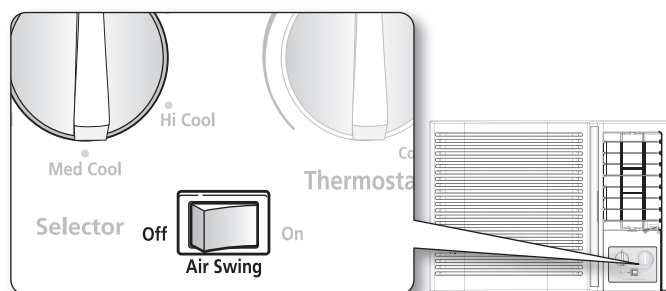
Air flow can be directed to your desired position.

### Horizontal air flow

1. Press the **Air Swing** switch to **On**.
2. The inner air flow blades move side to side continuously to circulate the air.

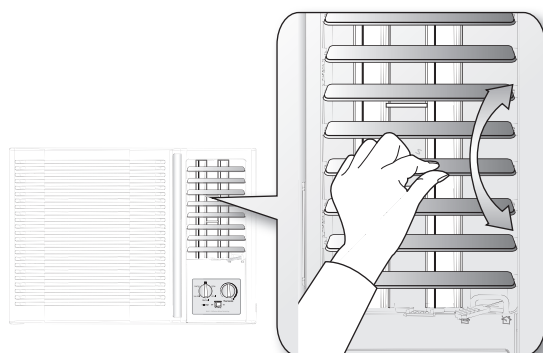



3. To keep the air flow direction in a constant position, press the **Air Swing** switch to **Off** when the blades reach the desired position.



### Vertical air flow

1. Move the vertical air flow blades up or down to the desired direction with your fingers.



-  While the air conditioner cools the room, operate the appliance with the blades pointing upwards. If the unit operates in Cool mode for an extended period of time with the blades pointing downward, moisture may generate from the temperature difference and thus carries the risk of electric shock or unit malfunction.





# cleaning and maintaining your air conditioner

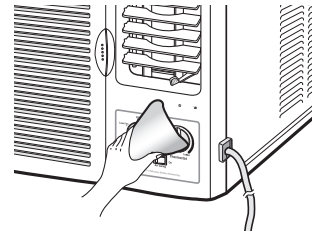
Keeping your air conditioner clean improves its performance, wards off unnecessary repairs, and lengthens its life.

## CLEANING THE EXTERIOR

1. Wipe the surface of the appliance with a slightly wet or dry cloth when needed.



Do not use Benzene, Thinner or Clorox™. They may damage the surface of the unit and can create a risk of fire.

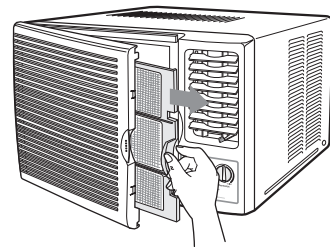


## CLEANING THE AIR FILTER

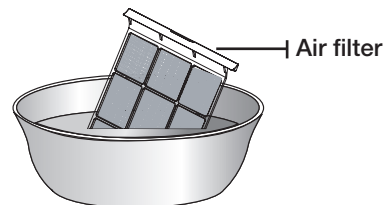
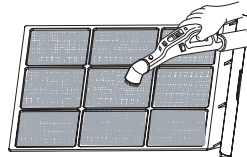
1. Hold the air filter handle, pull it right and out.



- If lift it forward when pull right, the air filter out will be easier.



2. Vacuum the air filter completely.
3. Push the air filter back into place.



- For best conditions, repeat every two weeks.
- If the air filter dries in a confined (or humid) area, odors may generate. If this occurs, re-clean and dry in a well-ventilated area.

## MAINTAINING THE AIR CONDITIONER

If the air conditioner will not be used for an extended period of time, dry it thoroughly and disconnect from the wall. There may be internal damage if moisture is left in its components.

1. Before storing the appliance, operate the air conditioner in Fan mode for three to four hours to dry the air conditioner completely.
2. Upon removing from storage, dry the inner components of the air conditioner again by running in Fan mode for three to four hours. This helps remove odors which may have generated from dampness.



# appendix

## TROUBLESHOOTING

Refer to the following chart if the air conditioner operates abnormally. This may save time and unnecessary expenses.

PROBLEM	SOLUTION
The air conditioner does not start operating immediately after it has been restarted.	<ul style="list-style-type: none"><li>• Because of the protective mechanism, the appliance does not start operating immediately to keep the unit from overloading. The air conditioner will start in 3 minutes.</li></ul>
The air conditioner does not work at all.	<ul style="list-style-type: none"><li>• Check that the power plug is properly connected. Insert the power plug into the wall socket correctly.</li><li>• Check if the circuit breaker is switched off.</li><li>• Check if there is a power failure.</li></ul>
The temperature does not change.	<ul style="list-style-type: none"><li>• Check if you selected Fan mode. Turn the <b>Operation</b> knob right or left to select another mode.</li></ul>
The cool air does not come out of the air conditioner.	<ul style="list-style-type: none"><li>• Check if the set temperature is higher than the current temperature. Turn the <b>Thermostat</b> knob clockwise to change the set temperature.</li><li>• Check if the air filter is block by dirt. Clean the air filter every two weeks.</li><li>• Check if the air conditioner has just been turned on. If so, wait 3 minutes.</li></ul>
Odors permeate in the room during operation.	<ul style="list-style-type: none"><li>• Check if the appliance is running in a smoky area or if there is a smell entering from outside. Operate the air conditioner in Fan mode or open the windows to air out the room.</li></ul>
The air conditioner makes a bubbling sound.	<ul style="list-style-type: none"><li>• A bubbling sound may be heard when the refrigerant is circulating through the compressor. Let the air conditioner operate in a selected mode.</li></ul>
The air conditioner vibrates excessively or makes a lot of noise during operation.	<ul style="list-style-type: none"><li>• Check if there is a gap between the air conditioner and the wall. Insulate the crack securely.</li></ul>
Water is dripping from the air flow blades.	<ul style="list-style-type: none"><li>• Check if the air conditioner has been cooling for an extended period of time with the air flow blades pointed downwards. Condensation may generate due to the difference in temerpature. Push the vertical air flow blade upward and run the appliance.</li></ul>

## OPERATION RANGES

The table below indicates the temperature and humidity ranges the air conditioner can be operated within. Refer to the table for efficient use.

MODE	OPERATIONAL TEMPERATURE		INDOOR HUMIDITY
	INDOOR	OUTDOOR	
COOLING	Approximately 21°C~32°C	Approximately 21°C~43°C	-



# installing your air conditioner

## GETTING READY TO INSTALL THE AIR CONDITIONER

First select a room and check conditions prior to installation.

### Checking included parts

Check that all necessary parts are included. Actual accessories may slightly differ from the illustration shown below.



Gasket



Drain tube



Rubber cap



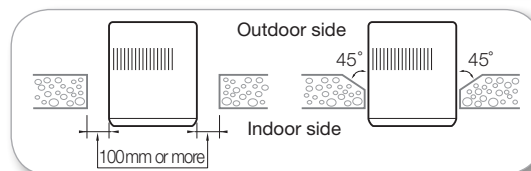
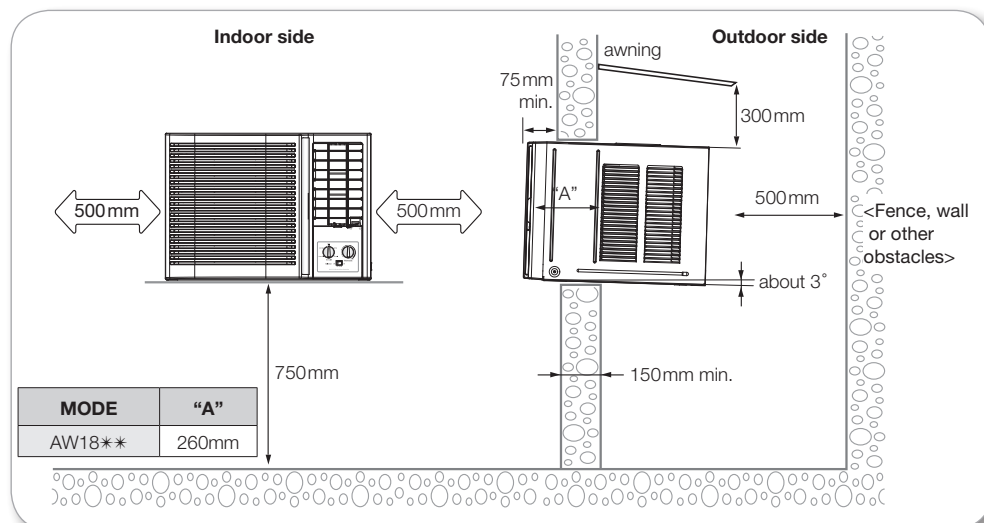
Screws

### Selecting the best location

The unit should be level when installed, so that the drainage system and other mechanisms operate efficiently. If possible, install the unit in a shaded area on the home's north or east side.

### Before installation, select a location that fulfills these requirements:

- easy access to control panel.
- away from direct exposure to sunlight.
- adequate ventilation.
- can easily connect to a power source.
- can support the weight of the air conditioner and will not cause increased operating noise and vibration.
- where there is no obstacles near the air inlet and outlet.
- the bottom of the unit clears at least 750mm above ground level.



If the wall is thicker than 150mm, cut the back of the wall at 45°.



# installing your air conditioner

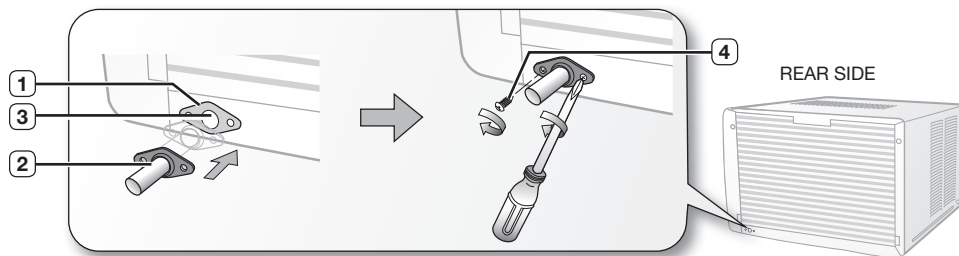
## SETTING UP THE AIR CONDITINER

The air conditioner must be installed horizontally or tilted slightly to the outside for proper water drainage.

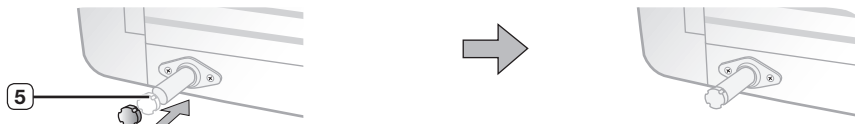
### Assembly for drainage


Once a location has been selected for installation, proper drainage should be established. If the drain tube and/or drain hose are not provided, call your nearest contact center.

1. Attach the gasket **1** and the drain tube **2** to the base pan hole **3** in the rear side of the unit with screws **4**



2. Connect the Rubber Cap **5** to the drain tube hole.



-  On exceptionally hot and humid days the air conditioner may overflow condensed water. In hot and high humidity zones, make sure the Rubber Cap have been removed .







## QUESTIONS OR COMMENTS?

COUNTRY	CALL	OR VISIT US ONLINE AT
PHILIPPINES	1-800-10-SAMSUNG(726-7864) 1-800-3-SAMSUNG(726-7864) 1-800-8-SAMSUNG(726-7864) 02-5805777	<a href="http://www.samsung.com">www.samsung.com</a>





AW18F Series

# Air Conditioner user manual



imagine the possibilities

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register your product at

[www.samsung.com/register](http://www.samsung.com/register)

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